

SEARCH REQUEST FORM

A 57

Requestor's Name: S. Ungar Serial Number: 08/848,439
Date: 7/6/98 Phone: 305-2181 Art Unit: 1642

Search Topic:

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors, keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

SEQ ID #2

SEQ ID #3

Please compare SEQ ID #1 to revise transcribed

SEQ ID #2

Please compare Seq ID #1 to revise transcribed

SEQ ID #3

Thanks
Susan Go

1998 JUL -7 AM 8:37

STAFF USE ONLY

Date completed: 7-10-98
Searcher: maek
Terminal time: 10
Elapsed time: page 1
CPU time: _____
Total time: 15
Number of Searches: 1
Number of Databases: 1

Search Site

☐ STIC
☒ CM-1
☐ Pre-S

Type of Search

☒ N.A. Sequence
☐ A.A. Sequence
☐ Structure
☐ Bibliographic

Vendors

☒ IG **EG**
☐ STN
☐ Dialog
☐ APS
☐ Geninfo
☐ SDC
☐ DARC/Questel
☐ Other

> 0 <
01 10 Intel1Genetics
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FastDB - Fast Pairwise Comparison of Sequences
Release 5.4

Results file us-08-848-439-1.res made by spencer on Fri 10 Jul 98 15:04:54-PDT.

| | |
|--------------------------------|--------------------------|
| Query sequence being compared: | US-08-848-439-1 (1-2027) |
| Number of sequences searched: | 2 |
| Number of scores above cutoff: | 2 |

[illegible]

Sequence 3, Application US/08848439
GENERAL INFORMATION:
APPLICANT: LAVALLIE, EDWARD
APPLICANT: RACIE, LISA
TITLE OF INVENTION: HUMAN SDF-5 PROTEIN AND COMPOSITIONS
NUMBER OF SEQUENCES: 3

CORRESPONDENCE ADDRESS:
ADDRESSEE: GENETICS INSTITUTE, INC
STREET: 87 CAMBRIDGE PARK DRIVE
CITY: CAMBRIDGE

COUNTRY: USA

COMPUTER READABLE FORM

COMPUTER: IBM PC compatible

SOFTWARE: PatentID Release #1.0, Version #1.25

APPLICATION NUMBER: US/08/848,439

CLASSIFICATION: 435

NAME: LAZAR, STEVEN R.

TELECOMMUNICATION INFORMATION:

TELEFAX: (617) 876-5851

SEQUENCE CHARACTERISTICS:

TYPE: amino acid

TOPOLOGY: linear

Reverse Translation from the peptide US-08-848-439-3.

the residues Arg, Ile, Leu, or Ser. The nucleic acid sequence

other than the original amino acids.

| | | | | | | | | |
|---------------|---|-----|-----------------|---|-----|--------------|---|-------|
| Initial Score | - | 652 | Optimized Score | - | 688 | Significance | - | -0.70 |
|---------------|---|-----|-----------------|---|-----|--------------|---|-------|

Conservative Substitutions

| | | | | | | |
|-----|-----|-----|-----|-----|-------|-----|
| 270 | 280 | 290 | 300 | 310 | X 320 | 330 |
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| 340 | 350 | 360 | 370 | 380 | 390 | 400 |
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[illegible]

30 40 50 60 70 80 90

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|----|-----|-----|-----|-----|-----|-----|-----|
| 10 | 420 | 430 | 440 | 450 | 460 | 470 | 480 |
|----|-----|-----|-----|-----|-----|-----|-----|

CNATNCBTAYCBAVATCMCNWNCNAVVWNVNCNCACBACNBTCABCBACSTNYCBBACBAC

100 110 120 130 140 150 160

| | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|
| 490 | 500 | 510 | 520 | 530 | 540 | 550 |
|-----|-----|-----|-----|-----|-----|-----|

CNCNCNTGATNCCNTVNTNTAATCABCBABTCVCACVCCNCBACBABTBTUTATCCATCSNCTATATTC

170 180 190 200 210 220 230

| | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|
| 560 | 570 | 580 | 590 | 600 | 610 | 620 |
|-----|-----|-----|-----|-----|-----|-----|

C N C N G T N T G Y T N G A Y G A Y T N G A Y G A B A C N A T N C A B C N T G Y C A Y W S N Y T N T G Y C T N C A B G T N A A B G A Y M

| | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|
| 240 | 250 | 260 | 270 | 280 | 290 | 300 | 310 |
|-----|-----|-----|-----|-----|-----|-----|-----|

630 640 650 660 670 680 690
GCTGGCCCCCGTCAATGTCGCGCTTCGCGCTTCCCGTGGCCGACATGCTTGAGTGGACCGCTTTCGCCCAAGG

GNTGYGCNCNGTATGWSNCGNTTYGGNTTYCCNTGGCCNGAYATGTNGARTGYGAYMNTTYCCNCABGC

